English

GMR2638-2CK

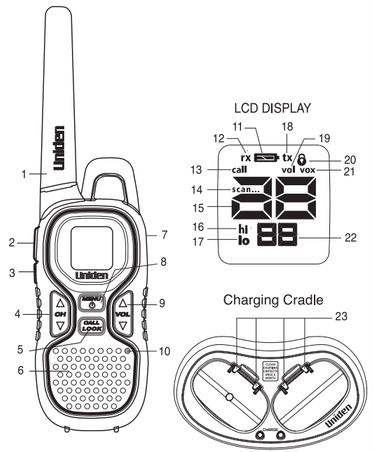
GMRS 2-Way radios

U01UT0622ZZA(0)

- 15 GMRS / 7 FRS Channels
- 121 Sub Codes (CTCSS Tone and DCS Code)
- Up to 26 Mile Range*
- Internal VOX Circuitry
- 10 Selectable Call Tone Alerts
- Backlit LCD Display
- Optional Headset Accessories
- Headset Jack
- Roger Beep
- Battery Charger
- Battery Level Meter
- Channel Monitor
- Channel Scan
- Keypad Lock
- 2 Belt Clips

Range may vary depending on environmental and/or topographical conditions.

GMR2638-2CK RADIO



1 Antenna
2 PTT (Push-To-Talk) Button
3 Monitor Button
4 Channel Up/Down Button
5 Call/Lock Button
6 Speaker
7 Headset Jack
8 Menu/Power Button
9 Volume Up/Down Button
10 Microphone
11 Battery Level Meter
12 Receive Indicator
13 Call Indicator
14 Scan Indicator
15 Channel Indicator
16 Hi Power Indicator
17 Low Power Indicator
18 Transmit Indicator
19 Volume Setting Indicator
20 Keypad Lock Indicator
21 VOX Indicator
22 Sub Code Indicator
23 Charging Contacts

THANK YOU FOR PURCHASING A UNIDEN PRODUCT

CHECK OUT THE LATEST ACCESSORIES @ www.uniden.com

Congratulations on your purchase of the Uniden GMR2638-2CK (General Mobile Radio Service) radio. This lightweight, palm-sized, radio is a state-of-the-art device, equipped with many valuable features. Use it at sporting events, to stay in contact with family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication.

PACKAGE CONTENTS

Your package contains two radios, two rechargeable NiMH battery packs, one AC adapter, one charging cradle, two belt clips and this reference guide. You can operate each unit using the rechargeable NiMH battery pack or 3 AAA alkaline batteries (not included). To order the following optional accessories, visit our web site at www.uniden.com or call 1-800-554-3988 during regular business hours. **Use only Uniden accessories**.

- NiMH Battery Pack - #BT-1028 or BP-1028
- Charging Cradle - #RC-1287
- AC Adapter - #AD-0001

GMRS LICENSE

The radio operates on the General Mobile Radio Service (GMRS) frequencies when using Channels 1-7 and channels 15-22. You must have a GMRS license issued by the Federal Communications Commission to legally use these channels. For licensing information and application forms, visit the FCC online at: www.fcc.gov/wtb/uls or call the FCC hotline at 1-800-418-3676. If you have any questions, you can contact the FCC direct at 1-888-225-5322. No license is required for operation on channels 8-14 or operation on any channel in Canada.

INSTALL THE BATTERY

Each radio uses a supplied NiMH battery pack or 3 AAA alkaline batteries (not included).

To install the NiMH battery pack:

1) Make sure your radio is OFF.
2) Remove the battery compartment door by pressing the tab at the bottom of the compartment door, and remove the cover.
3) Install the NiMH battery pack into the battery compartment. Be certain to follow the instructions written on the label on the battery pack. Installing the battery pack incorrectly will prevent the unit from operating.
4) Replace the battery compartment door.

BATTERY LEVEL AND LOW BATTERY ALERT

This unit has a battery level meter on the display to indicate the status of the batteries. When the battery in the unit is low, the battery level meter icon flashes. Recharge the NiMH battery pack immediately or if you are using the alkaline batteries, you must replace the alkaline batteries in order to continue using the radio.

Warning! *To avoid the risk of personal injury or property damage from fire or electrical shock, only use the Uniden accessories specifically designated for this product.*

CHARGING THE RADIO

If you use the rechargeable NiMH battery pack, two radios can be charged directly or by using the supplied charging cradle.

USING THE CHARGING CRADLE

1) Connect the charging cradle (#RC-1287) to a standard 120V AC wall outlet.
2) Set the charging cradle on the desk or tabletop, and place the radio in the charging cradle with the keypad facing forward.
3) Make sure that the LED illuminates. Charge the battery pack for 16 hours and remove the radio from the charging cradle after charging.

Note:

- *Use only the supplied battery and AC adapter or approved accessories from Uniden.*
- *Charge time may vary depending on the battery life remaining.*
- *Do not recharge alkaline batteries. Doing so can create a safety hazard or damage the radio.*
- *For fastest charging, turn off the radio before charging.*
- *Battery must be installed for operation, even from external power.*
- *If battery Power is low, you cannot operate the radio even using external power. Allow the batteries to charge before using. If you try to transmit while power is low, the radio will automatically turn off.*

USING THE RADIO

In order to get the most out of your new radio, read this reference guide completely before attempting to operate the unit.

TURNING THE RADIO ON AND ADJUSTING THE VOLUME

1) Press and hold the ***MENU/*** ⏻ key to turn the radio ON, and increase the speaker volume by pressing ***VOL*** ▲. To decrease the volume, press ***VOL*** ▼.
2) Press and hold the ***MENU/*** ⏻ key again to turn the radio OFF.

ADJUSTING THE SOUND (KEY BEEPS)

Your radio emits a beep each time one of the keys (except for the ***PTT*** button and ***CALL/LOCK*** key) is pressed. To turn this sound OFF, press and hold the ***CALL/LOCK*** key while turning ON the radio. Repeat this step to turn the sound ON.

CHOOSING A CHANNEL

Your radio has 22 channels and 121 Sub codes you can use to talk to others. In order to speak to someone, each of you must be set to the same channel and Sub code.

With the radio in "Normal" operating mode press ***CH*** ▲ / ***CH*** ▼ to increase or decrease the channel number. The channel number blinks. Press the ***MENU/*** ⏻ key to set the channel.

Note: *Channels 1-7 have an typical range of up to 26 miles. Channels 8-14 have an typical range of up to 5 miles. Channels 15-22 have an typical range of up to 26 miles. You can know which GMRS or FRS channel is active by the icon.* **hi** *icon is displayed while scanning GMRS channels, and the* **lo** *icon is displayed while scanning FRS channels.*

TALKING ON YOUR RADIO

To talk to others using the radio:

1) Press and hold the ***PTT*** button and speak in a clear, normal voice about 2-3 inches away from the microphone. While you are transmitting, the **tx** icon appears on the display. To avoid cutting off the first part of your transmission, pause slightly after pressing the ***PTT*** button before you start talking.
2) When you have finished speaking, release the ***PTT*** button. You can now receive incoming calls. While receiving, the **rx** icon appears on the display.

MONITOR MODE FEATURE

Your radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON the Monitor Mode:

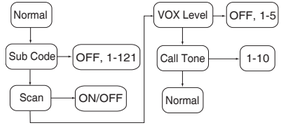
- For brief listening, press ***MON*** button. The **rx** icon blinks.
- Press and hold ***MON*** button for 2 seconds until two beeps sound for continuous listening. The receiver circuit stays open, letting both the noise and weak signals to be heard.

To turn OFF Monitor Mode:

- Press ***MON*** button to return to "Normal" mode, and the **rx** icon stops blinking and disappears.

ADVANCED FUNCTIONS (MENUS)

Use ***MENU/*** ⏻ to access your radio's advanced functions.



1) Press ***MENU/*** ⏻ to enter the menus.
2) Additional presses of ***MENU/*** ⏻ advance you through the menus until exiting to "Normal" operating mode.
3) Other methods of exiting the Menu function are:
   a. Press and hold ***MENU/*** ⏻ again.
   b. Press any key except ***CH*** ▲ / ***CH*** ▼ or ***VOL*** ▲ / ***VOL*** ▼ and wait 10 seconds until the unit returns to "Normal" mode.

Sub Code Menu

Each of the channels 1-22 may have any one of the codes, OFF, or 1-121 selected. Code **oF** (OFF) indicates no Sub code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

1) Press ***MENU/*** ⏻ to enter *Menu* mode. The subcode indicator flashes.
2) Press ***CH*** ▲ / ***CH*** ▼ key to increase or decrease the code number displayed. You can also select **oF** (OFF) at this stage.
3) Press ***MENU/*** ⏻ to exit Menu mode.
4) Press any key other than ***CH*** ▲ / ***CH*** ▼ or ***VOL*** ▲ / ***VOL*** ▼ and the radio returns to Idle mode in 10 seconds.

Scan Menu

Your radio has a channel scan feature that allows you to easily scan all 22 channels. When an active channel is detected, the radio pauses on that channel until the channel is clear. Then, after a 2 second delay, the radio continues scanning. Pressing the ***PTT*** button while the scan is paused on a channel allows you to transmit on that channel.

To turn ON channel scan:

1) Press ***MENU/*** ⏻ repeatedly until the **scan...** icon and **oF** blink.
2) Press ***CH*** ▲ / ***CH*** ▼ to select Scan mode and press ***MENU/*** ⏻ to start it.

To turn OFF channel scan:

1) Press ***MENU/*** ⏻ when the scan setting is **oF**.
2) Press any key other than ***CH*** ▲ / ***CH*** ▼ or ***VOL*** ▲ / ***VOL*** ▼ to turn channel scan off in 10 seconds.

Voice Operated Transmission Menu

Your radio is equipped with a user selectable Voice Operated Transmitter (VOX) that can be used for automatic voice transmissions. The VOX feature is designed to be used with or without a headset with a microphone. Transmission is initiated by speaking into the microphone instead of pressing ***PTT***.

To select VOX level:

1) Press ***MENU/*** ⏻ repeatedly until the **vox** icon and the VOX sensitivity level (*OFF*, *1-5*) blink.
2) Press ***CH*** ▲ / ***CH*** ▼ to change the VOX sensitivity levels. Use level 1 for increased sensitivity to voice in normally quiet environments, and use a higher level to reduce undesired activation in very noisy environments.

Call Tone Menu

Your radio is equipped with 10 selectable call tones that are transmitted when ***CALL/LOCK*** is pressed.

To select a call tone:

1) Press ***MENU/*** ⏻ repeatedly until the ***CALL*** icon and *Call Tone* start to blink on the display.
2) Press ***CH*** ▲ / ***CH*** ▼ to move through the available call tones. Each tone will be heard through the speaker but will not be transmitted. Cycle through these tones and stay on the tone you want to select.
3) Exit Call Tone to set the selected tone.

KEY LOCK

To lock the keypad:

1) Press and hold ***CALL/LOCK***; 🔒 displays.

These functions are not affected by Key Lock:

- *Volume adjust*
- *Call tone transmission*
- *Enter monitor mode*
- *PTT transmission*
- *Power off*

To unlock the keypad:

1) Press and hold ***CALL/LOCK*** again; 🔓

disappears.

AUTOMATIC POWER SAVE

Your radio has a circuit designed to dramatically extend the life of the batteries. If there is no transmission or an incoming call within 3 seconds, your radio switches to Power Save mode. The radio is still able to receive transmissions in this mode.

LCD BACKLIGHT

The LCD Backlight automatically turns ON when any key (except the ***PTT*** button) is pressed. The LCD display illuminates for 10 seconds before turning OFF.

ROGER BEEP

Roger Beep is a BEEP that is sent to notify the end of transmission (both PTT and VOX transmission). Roger Beep can be heard through the speaker when both Roger Beep and Key Beep are set to ON. When Roger Beep is set to ON and Key Beep is set to OFF, Roger Beep will not be heard from the speaker but it will be transmitted to your party. When Roger Beep is set to OFF, Roger Beep will neither be heard nor transmitted.

To change Roger Beep setting:

Press and hold ***VOL*** ▲ while turning the radio on and off. If Roger Beep is ON, it will be turned off; if it is OFF, it will be turned on.

SPECIFICATIONS

Channels	15 GMRS/7 FRS
Sub Codes	38 Sub-Audible Tones 83 DCS Codes
Operating Frequency	462.5500 - 467.7125 MHz
Power Source	NiMH Battery Pack (BT-1028 or BP-1028) or 3 AAA Alkaline Batteries
Range	Channel 1-7 up to 26 miles Channel 8-14 up to 5 miles Channel 15-22 up to 26 miles
Battery Life	10 Hours typ. - NiMH Battery Pack (5/5/90 duty cycle)

Frequency Chart

Ch.	Freq.	Cross Ref.	Ch.	Freq.	Cross Ref.
1	462.5625	FRS & GMRS 1	12	467.6625	FRS 12
2	462.5875	FRS & GMRS 2	13	467.6875	FRS 13
3	462.6125	FRS & GMRS 3	14	467.7125	FRS 14
4	462.6375	FRS & GMRS 4	15	462.5500	GMRS 11
5	462.6625	FRS & GMRS 5	16	462.5750	GMRS 8
6	462.6875	FRS & GMRS 6	17	462.6000	GMRS 12
7	462.7125	FRS & GMRS 7	18	462.6250	GMRS 9
8	467.5625	FRS 8	19	462.6500	GMRS 13
9	467.5875	FRS 9	20	462.6750	GMRS 10
10	467.6125	FRS 10	21	462.7000	GMRS 14
11	467.6375	FRS 11	22	462.7250	GMRS 15

CTCSS Chart (Hz)

Code	Freq.	Code	Freq.
oF	OFF	20	131.8
1	67.0	21	136.5
2	71.9	22	141.3
3	74.4	23	146.2
4	77.0	24	151.4
5	79.7	25	156.7
6	82.5	26	162.2
7	85.4	27	167.9
8	88.5	28	173.8
9	91.5	29	179.9
10	94.8	30	186.2
11	97.4	31	192.8
12	100.0	32	203.5
13	103.5	33	210.7
14	107.2	34	218.1
15	110.9	35	225.7
16	114.8	36	233.6
17	118.8	37	241.8
18	123.0	38	250.3
19	127.3		

DCS Code List

Tone No.	Octal Code	Tone No.	Octal Code	Tone No.	Octal Code
39	023	61	152	83	343
40	025	62	155	84	346
41	026	63	156	85	351
42	031	64	162	86	364
43	032	65	165	87	365
44	043	66	172	88	371
45	047	67	174	89	411
46	051	68	205	90	412
47	054	69	223	91	413
48	065	70	226	92	423
49	071	71	243	93	431
50	072	72	244	94	432
51	073	73	245	95	445
52	074	74	251	96	464
53	114	75	261	97	465
54	115	76	263	98	466
55	116	77	265	99	503
56	125	78	271	-	-
57	131	79	306	-	-
58	132	80	311	-	-
59	134	81	315	-	-
60	143	82	331	-	-

RBRC INFORMATION

As part of our commitment to protect the environment and conserve natural resources, Uniden voluntarily participates in an RBRC® industry program to collect and recycle used Ni-MH batteries within the US.

Please call 1-800-8-BATTERY for information on Ni-MH battery recycling in your area. (RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.)

REGULATORY INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.

To be safe and sure:

- Never open your radio's case.
- Never change or replace anything in your radio except the batteries.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by moving your radio away from the receiver. If you cannot eliminate the interference, the FCC requires that you stop using the radio.

Hazardous Environments: Do not operate the radio in hazardous environments. Explosion or fire may result. Do not operate the radio near unshielded electrical blasting caps.

Under certain conditions, radios can interfere with blasting operations and may cause an explosion. Turn your radio OFF to prevent accidental transmission when in a blasting area or in areas posted: "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

Care and Safety: To clean the radio, use a soft cloth dampened with water. Do not use cleaners or solvents because they can harm the body of the unit and leak inside, causing permanent damage.

Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water. If the unit gets wet, turn it off and remove the batteries immediately.

Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure complete drying. Do not use the radio until the unit is completely dry.

RF EXPOSURE INFORMATION

WARNING! Read this information before using the radio. In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters.

Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of the radio complies with the FCC guidelines and these international standards.

Never allow children to operate the radio without adult supervision and the knowledge of the following guidelines.

WARNING! It is up to the user to properly operate this radio transmitter to insure safe operation. Please adhere to the following:

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the radio, or result in violation of FCC regulations.

Do not use the radio with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

Hand-held Operation (Held-to-Face)

This device was evaluated for typical hand-held (held-to-face) operations with a 1 inch spacing from the front of the radio. For hand-held operation, the radio should be held 1 inch from the user's face in order to comply with FCC RF exposure requirements.

For more information about RF exposure, please visit the FCC web site at www.fcc.gov.

Body-worn Operation

This device was evaluated for body-worn operations with the supplied belt-clip accessory. (All necessary accessories are included in the package; any additional or optional accessories are not required for compliance with the guidelines.) Third party accessories (unless approved by the manufacturer) should be avoided as these might not comply with FCC RF exposure guidelines.

For more information about RF exposure, please visit the FCC web site at www.fcc.gov.

THREE YEAR LIMITED WARRANTY

Important: Evidence of original purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")

ELEMENTS OF WARRANTY: Uniden warrants, for three years, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 36 months after the date of original retail sale. The warranty is invalid if the Product is: (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, sub-assemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OVERPAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America and Canada.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Disconnect the battery from the Product and separately secure the battery in its own separate packaging within the shipping carton. The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it.The Product should be shipped freight prepaid, by traceable means, to warrantor at:

Uniden America Service
4700 Amon Carter Blvd. Fort Worth, TX 76155
(800) 297-1023 during regular business hours (CST)
(See www.uniden.com for current hours of operation.)

Uniden®

© 2012 Uniden America Corporation
All rights reserved. Printed in Vietnam.